

generated January 2026

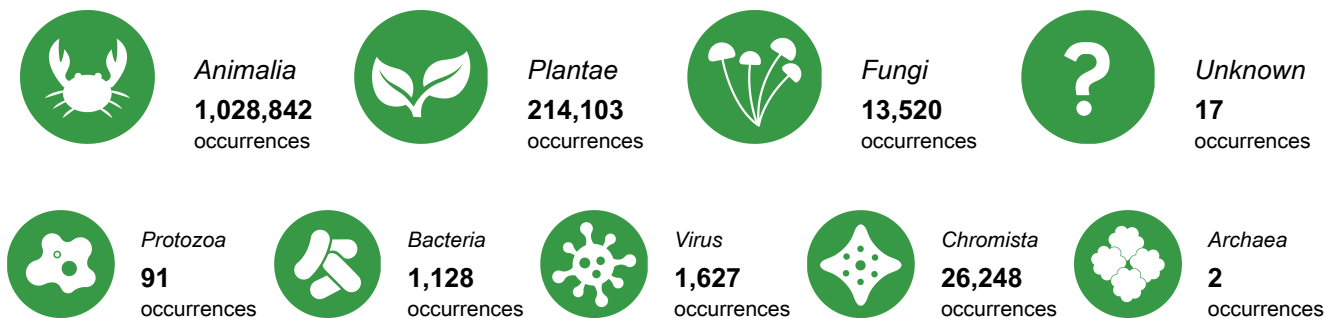
Ghana

This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in Ghana. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

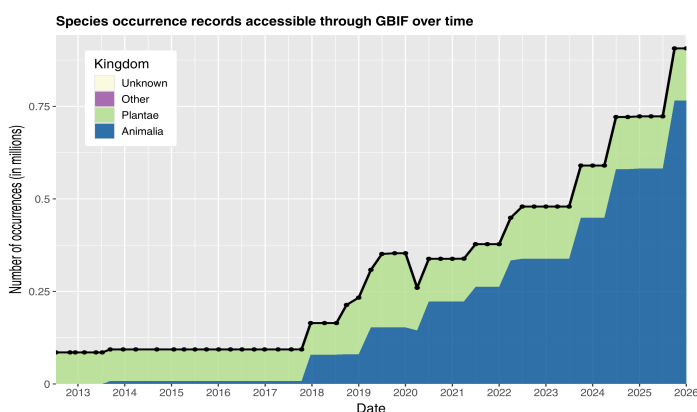
► Access and usage



► Data availability in Ghana



► Data mobilization

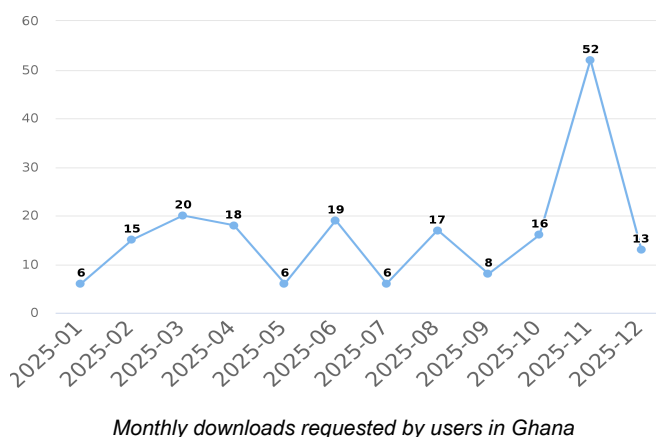
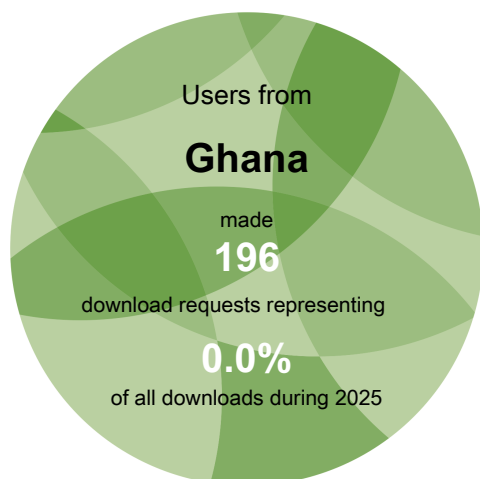


Number of records published by institutions in Ghana,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Ghana



Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Ghana

The GBIF Secretariat maintains and reports on an ongoing literature tracking programme, giving priority to substantive uses of GBIF-mediated data in peer-reviewed literature while identifying the countries or areas of the authors' institutional affiliations. The citations below represent the five most recent journal articles with at least one co-author from Ghana.

Those interested in assisting the Secretariat in identifying additional peer-reviewed uses of GBIF-mediated data may forward relevant citations to comms@gbif.org.

Williams, Muthama, Zhigila *et al.* (2025) Hybridization in the Cape flora: the case of *Ficinia lucida* (Cyperaceae). *South African Journal of Botany*.
<https://doi.org/10.1016/j.sajb.2025.07.046>

Simões, Shimpale, Rattanakrajang *et al.* (2024) Reinstating Palaeotropical genera of Convolvulaceae: *Argyreia*, *Stictocardia*, *Turbina* and *Astripomoea* (tribe Ipomoeae, subtribe Argyreieae). *Rheedeia*.
<https://doi.org/10.22244/rheedeia.2024.34.05.15>

Tomlinson, Yu, Wang *et al.* (2025) The macroecology of spines on woody plants. *Biological Reviews*.
<https://doi.org/10.1111/brv.70051>

Lawer, Akasere, Darkoh *et al.* (2025) Using species distribution modelling to identify potential translocation areas for the western chimpanzee under climate change scenarios in Ghana. *Global Ecology and Conservation*.
<https://doi.org/10.1016/j.gecco.2025.e03695>

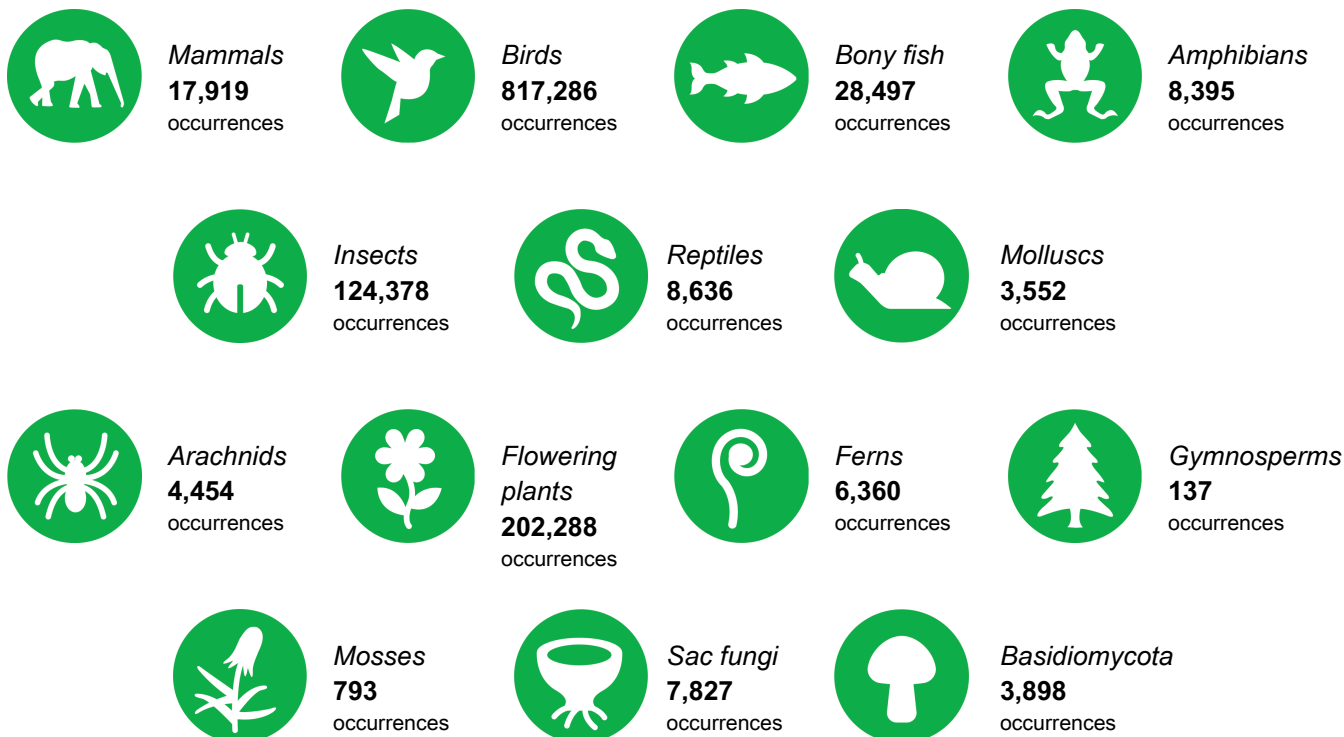
Ramzan, Sial, Khan *et al.* (2025) Assessing the Potential Global Distribution of *Monolepta* spp. (Coleoptera: Chrysomelidae) using the MaxEnt Model. *Pakistan Journal of Agricultural Sciences*.
<https://doi.org/10.21162/pakjas/25.14>

See all research from this country or area
gbif.org/country/GH/publications/from



Data availability

Total data available for selected taxonomic groups in Ghana



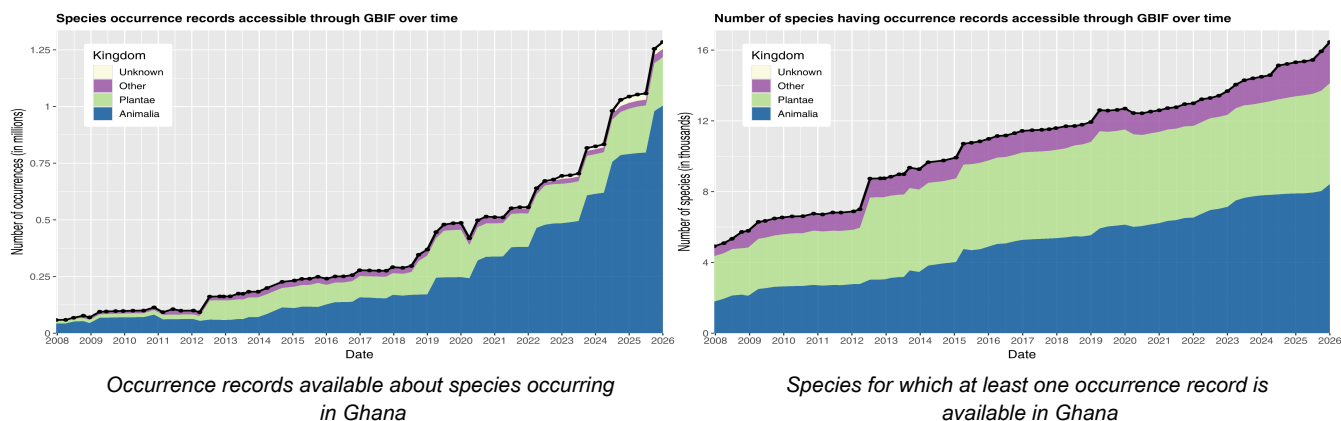
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

Insects = Class *Insecta*
Reptiles = Class *Testudines*,
Sphenodontia, *Squamata* &
Crocodylia
Molluscs = Phylum *Mollusca*

Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

Ferns = Phylum *Pteridophyta*
Mosses = Phylum *Bryophyta*
Sac fungi = Phylum *Ascomycota*
Basidiomycota = Phylum
Basidiomycota

Change over time in records about biodiversity in Ghana



WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?

Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Most recent datasets from publishers in Ghana

Aedes species distribution in Ghana. *Published by University of Ghana Medical School*

<https://doi.org/10.15468/83xcar>

Anopheles mosquitoes in different ecological zones in Ghana. *Published by University of Ghana Medical School*

<https://doi.org/10.15468/bbbncf>

Culex mosquitoes distribution in Ghana. *Published by University of Ghana Medical School*

<https://doi.org/10.15468/pz26zu>

Distribution of Anopheles Mosquitoes in Urban and Peri-Urban Areas of Ghana. *Published by University of Ghana Medical School*

<https://doi.org/10.15468/8q4se4>

Phenotypic and Genotypic Insecticide Resistance Profiles of Anopheles Mosquitoes Across Ghana.

Published by University of Ghana Medical School

<https://doi.org/10.15468/pgpz3d>

Phenotypic and Genotypic Insecticide Resistance Profiles of Aedes Mosquitoes across Ghana.

Published by University of Ghana Medical School

<https://doi.org/10.15468/ef5mry>

See all datasets from this country or area: gbif.org/dataset/search?publishing_country=GH

Newest publishers from Ghana

University of Ghana Medical School

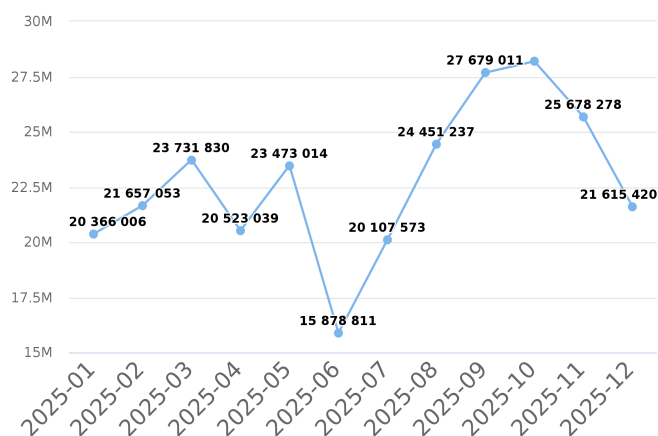
Eni Ghana

Department of Animal Biology and Conservation
Sciences, University of Ghana

Conservation Alliance International

A Rocha Ghana

Occurrence records downloaded from GBIF.org, published by institutions in Ghana



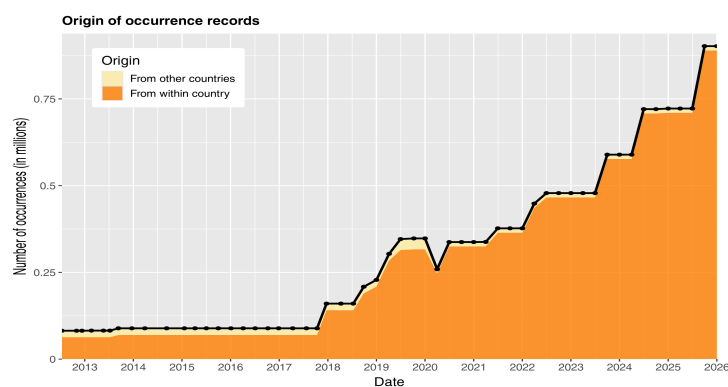
See all publishers from this country or area
gbif.org/publisher/search?country=GH

Number of occurrence records downloaded via
GBIF.org published by institutions in Ghana

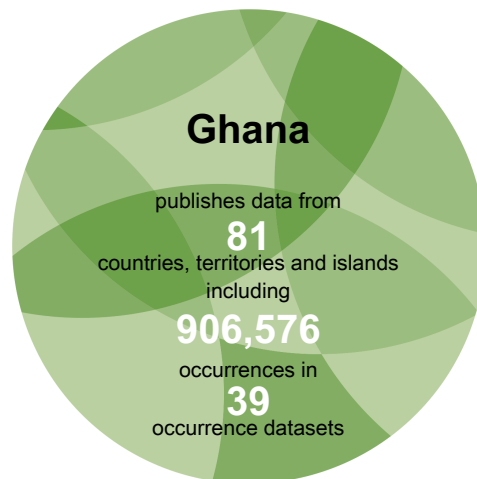


Data mobilization

Data sharing with country or area of origin by national institutions in Ghana



Data sharing with country or area of origin



The chart above shows the number of records shared over time by publishers within Ghana, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in Ghana

Rank	Country or area	No. of occurrences
1	Ghana	890,379
2	United States of America	78,460
3	International organization or unknown country	72,593
4	Netherlands	72,184
5	United Kingdom	53,173
6	Sweden	32,324
7	Germany	21,847
8	Belgium	19,164
9	Estonia	7,841
10	Kenya	7,831

Table 1. Ranking of countries or areas contributing data about Ghana

Top datasets contributing data about Ghana

EOD – eBird Observation Dataset. 742,771 occurrences in Ghana. (Last updated 29 Oct 2025)

International Barcode of Life project (iBOL). 67,252 occurrences in Ghana. (Last updated 28 Nov 2025)

Observation.org, Nature data from around the World. 50,781 occurrences in Ghana. (Last updated 16 Dec 2025)

Plants of Ghana. 38,398 occurrences in Ghana. (Last updated 11 Mar 2021)

Medicinal plants and associated plant collections at Ghana Herbarium. 31,997 occurrences in Ghana. (Last updated 11 Mar 2021)

See all contributing countries and areas or datasets: gbif.org/country/GH/about



Ghana participates in the following projects coordinated by GBIF

Enhancing capacity to mobilize and use biodiversity data to support sustainable development in West Africa

Capacity Enhancement Support Programme, 2020–2023

The overall goal of this project is to enhance capacity for biodiversity data mobilization and development of information products in support of sustainable development in West Africa

<https://www.gbif.org/project/ImAtw3uVGVpjrpiYHAXvD>

Cross-continental partnership to investigate data mining approaches for impactful data use cases and stories

Capacity Enhancement Support Programme, 2022–2023

<https://www.gbif.org/project/CESP2022-005>

International workshop on invasive species in the sub-Saharan area

Capacity Enhancement Support Programme, 2014–2015

This bilingual regional training event will promote knowledge exchange between biodiversity experts and establish a coordinated early warning and response network for invasive alien species across the entire sub-Saharan region (Maghreb and Sahel).

<https://www.gbif.org/project/82223>

Integrating ecosystem and biodiversity data to assist national development planning

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-029-USE>

Increasing data-mobilization capacity to conserve threatened medicinal plants in Ghana

BID: Biodiversity Information for Development, 2017–2019

Project to support digitization and sharing of open data critical to conserving cultural and natural heritage of plants used in traditional medicines

<https://www.gbif.org/project/6q1kYSyo8ku6y4YWGYyA6>

Capacity enhancement for the Ghana node of GBIF

BID: Biodiversity Information for Development, 2016–2018

This project develops a strategic plan for the GBIF node in Ghana (GhaBIF) to enhance its capacity as a national biodiversity information institution.

<https://www.gbif.org/project/82661>

See all GBIF projects
[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)